

**SENSOR AND METHOD OF TRANSMITTING SENSOR DATA**Abstract of the Disclosure

A sensor and method are provided for transmitting sensor generated output signals in a pulse width modulated output signal. The sensor includes a pressure sensing element for sensing pressure and temperature sensing circuitry for sensing temperature. Output circuitry outputs a pulse width modulated signal containing an indication of the pressure and temperature. The pressure is transmitted as a function of duty cycle of the pulse width modulated output signal, and the temperature is transmitted as a function of frequency of the pulse width modulated output signal.